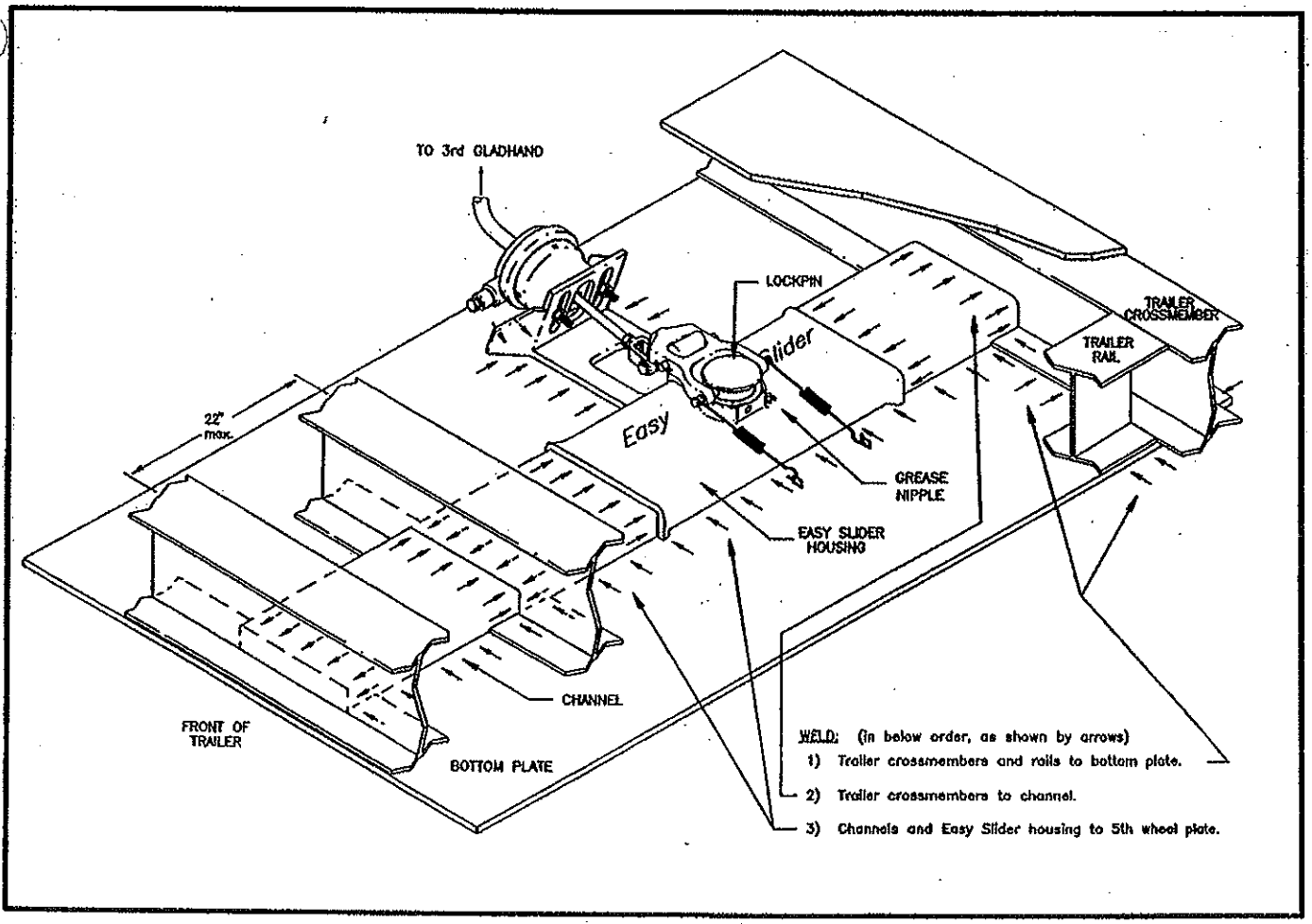
Easy Slider®
•THE SLIDING KINGPIN SYSTEM•

WHY EASY SLIDER?... Easy Installation

The Easy Slider arrives fully assembled and ready to install into the trailer. Installation is similar to a fixed kingpin installation. The Easy Slider bolster plate is first welded to the trailer rails and cross members. Next the Easy Slider assembly is welded to the bolster plate. The Easy Slider unit is factory assembled by tack welds only, to prevent warping the bolster plate prior to installation. Construction of a kingpin supporting structure is not required. The customer must only modify the appropriate cross members in the Easy Slider area. The below diagram illustrates a typical installation.



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WHY EASY SLIDER?... Custom Manufactured

Each Easy Slider is manufactured according to the dimensions supplied by the customer. The customer determines the bolster plate width and length, kingpin setback, kingpin slide distance, and lockpin location. This ensures that each Easy Slider installation will proceed smoothly.

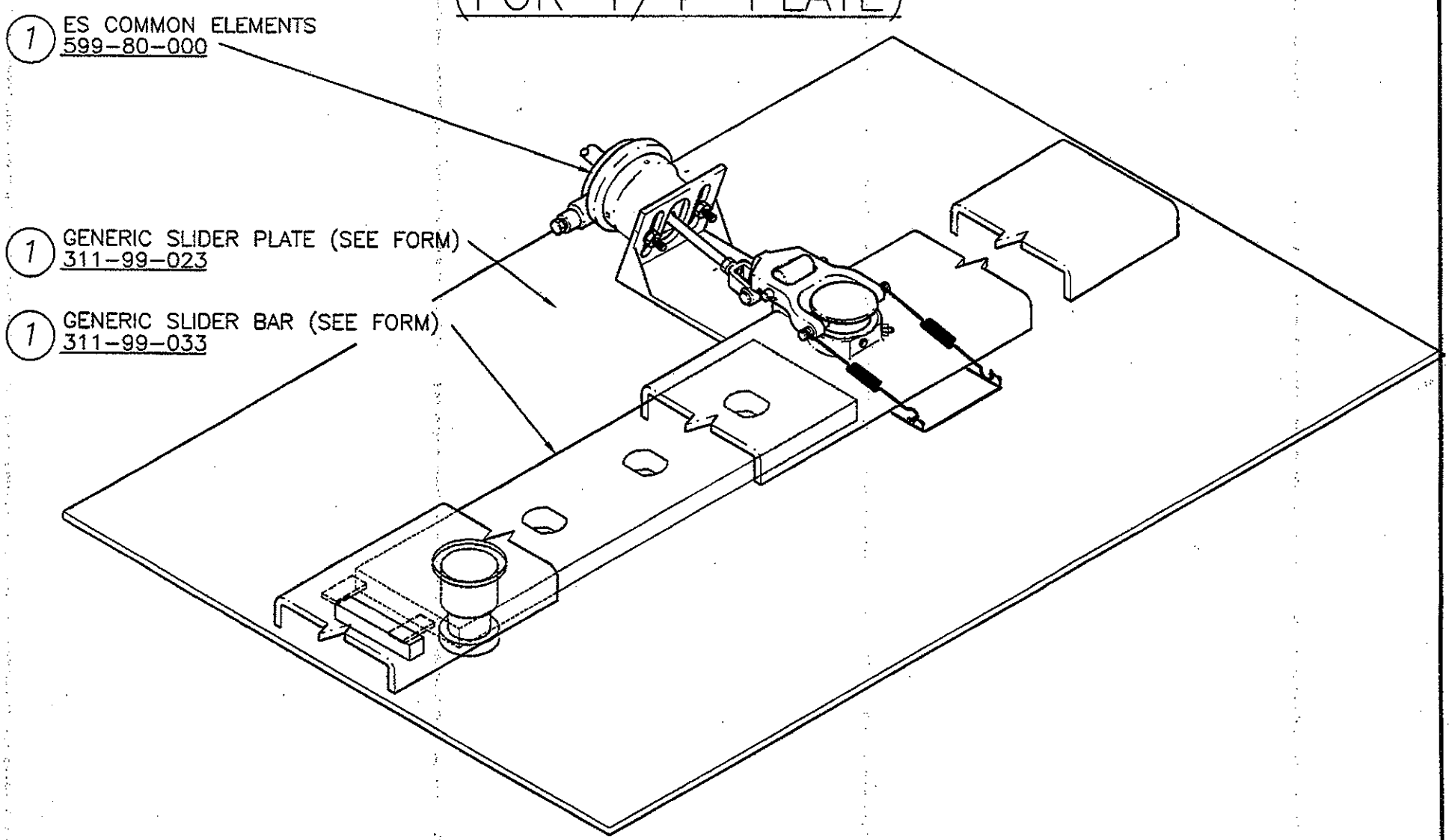
Standard with each unit is a 3/8" bolster plate and a SAE J700 kingpin, however other steel thicknesses and grades are available. The kingpin may also be specified to meet AAR requirements.

Strict attention is paid to quality control in the construction of each Easy Slider. Every detail from the initial bolster plate to the final operation of each Easy Slider is meticulously examined and recorded. This guarantees that each unit will operate trouble free.

In order to assist the customer in specifying an Easy Slider, the following Ordering Guide has been prepared. Please refer to the accompanying Order Form.

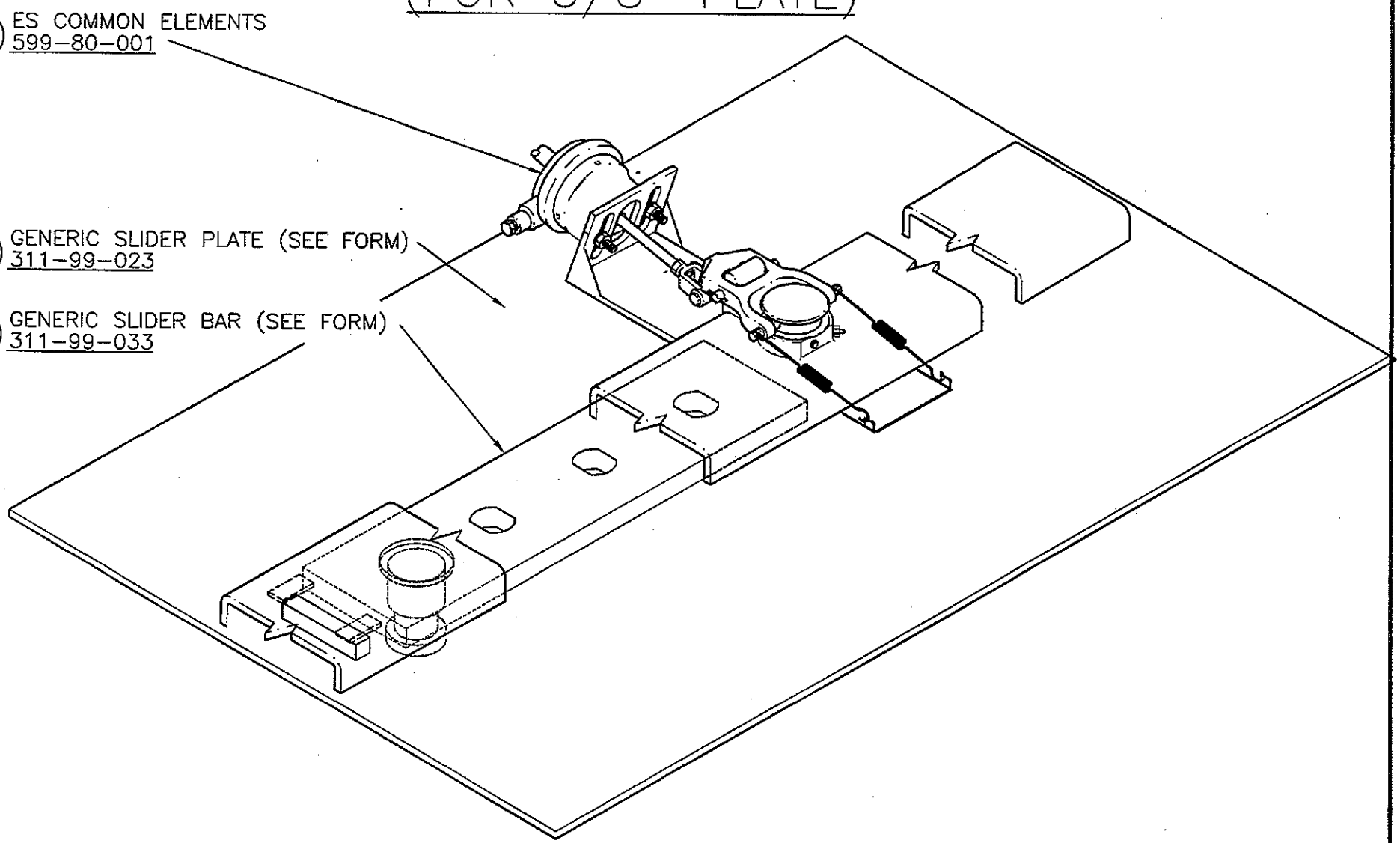
PART #998-80-000
EASY SLIDER
GENERIC ASSEMBLY
(FOR 1/4" PLATE)

REV. 2
03/04/02



PART #998-80-001
EASY SLIDER
GENERIC ASSEMBLY
(FOR 3/8" PLATE)

REV. 0
03/04/02



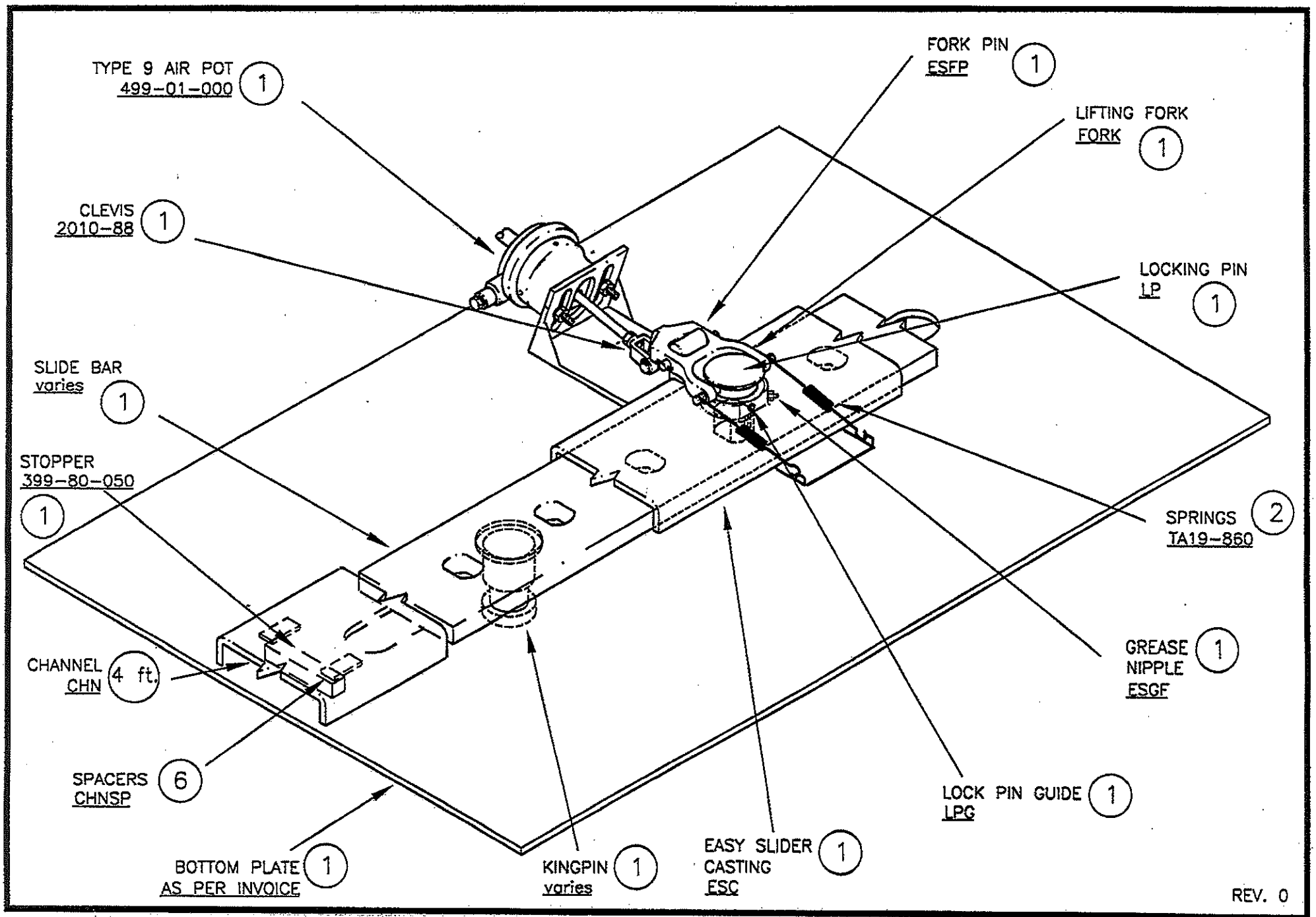


FIGURE 1: EASY SLIDE PARTS DIAGRAM

Phone: (780) 955-2859

Easy Slider®
•THE SLIDING KINGPIN SYSTEM•
RAYDAN MANUFACTURING INC.

Fax: (780) 955-2386

Replacement Slide Bar Specification

Customer Name: _____

Address: _____ Ship via: _____

P.O. number: _____ Date required: _____ Qty. required: _____

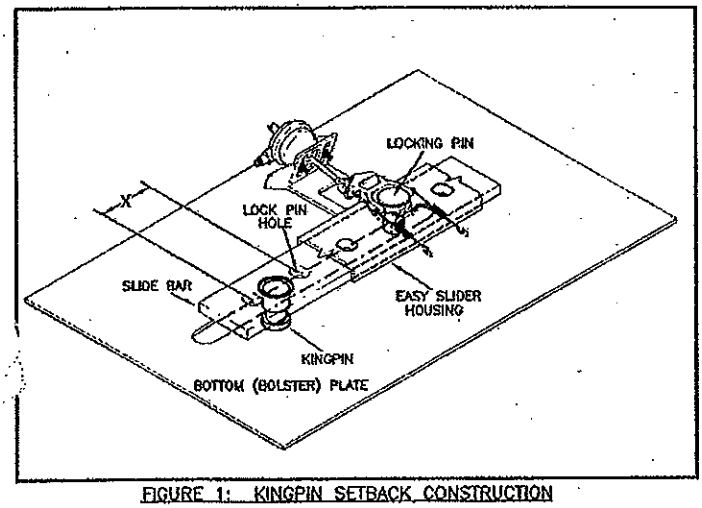


FIGURE 1: KINGPIN SETBACK CONSTRUCTION

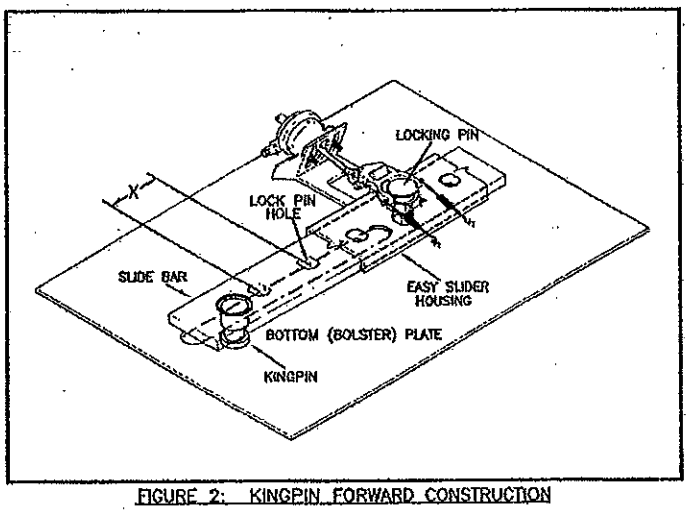


FIGURE 2: KINGPIN FORWARD CONSTRUCTION

1.) Referring to the above figures, determine the position of the kingpin in the existing Easy Slider.

Fig.1 _____

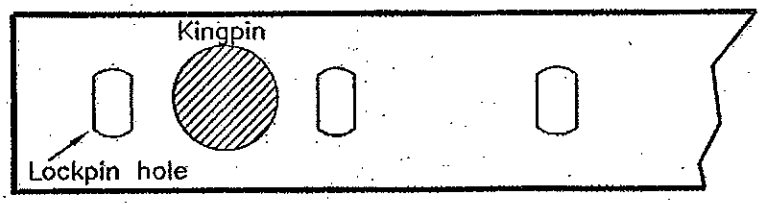
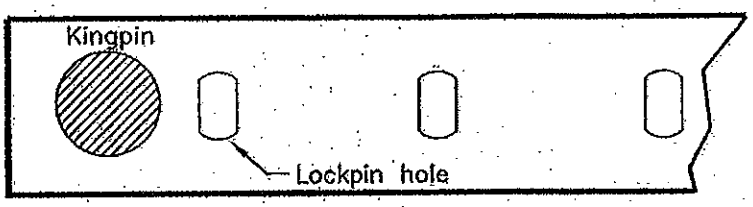


Fig.2 _____



2.) Measure the distance between the lockpin hole centers. (dimen. X above)

Hole Spacing: ____ 8" ____ 10.5" ____ other

3.) Count the number of lockpin holes in the slide bar. Ensure that the first hole is counted if the Easy Slider is constructed as in Fig. 1. Ensure that the last hole is counted if the Easy Slider is constructed as in Fig. 2. Number of lockpin holes: _____

4.) Measure the thickness of the bottom plate. ____ 3/8" ____ 1/4"

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fax: 780 955-2386
website: www.raydanmfg.com
email: rdmanufg@compusmart.ab.ca

EASY SLIDER WEAR CHECK

CUSTOMER: ______________________________

TRAILER: ____________________ **NUMBER:** ____________________

SERIAL: ____________________ **DATE OF MANUF.:** ____________________

	ACTUAL	ORIGINAL
Lockpin Shaft Diameter		2.498" - 2.500"
Casting Hole Diameter		2.505" - 2.507"
Lockpin Flat Dimension		1.588" - 1.590"
Slide Bar Flat Dimension: ___ hole		1.625"
___ hole		1.625"
___ hole		1.625"
___ hole		1.625"
___ hole		1.625"
Kingpin Movement in: Front position		
8" back		
16" back		
24" back		
32" back		
40" back		
48" back		

INSPECTED BY: ____________________ Date: ____________________
COMMENTS: ______________________________

____

EASY SLIDER WEAR CHECK

Lockpin Shaft Diameter: This requires disassembly of the Easy Slider to measure. This should only be done if the measurements in the kingpin movement section (below) warrant it.

Casting Hole Diameter: This requires disassembly of the Easy Slider to measure. This should only be done if the measurements in the kingpin movement section (below) warrant it.

Lockpin Flat Dimension: This requires disassembly of the Easy Slider to measure. This should only be done if the measurements in the kingpin movement section (below) warrant it.

Slide Bar Flat Dimension: Measure between the flats faces of each hole in the slide bar using a set of calipers. Record in thousands of an inch.

Kingpin Movement in Front Position: Move the kingpin to the front position and drop the lockpin into place. Disconnect the truck from the trailer. Attach a chain or strap to the kingpin and pull the kingpin to the front of the trailer using a come-along, forklift or other suitable pulling device. Attach a magnetic base dial gauge to the underside of the bolster plate and record the position of the kingpin. Leaving the dial gauge in place, disconnect the chain and tap the kingpin to the rear of the trailer. Record the kingpin movement in thousands of an inch.

Repeat the above for all kingpin positions.

Fax: To: _____ Fax #: _____

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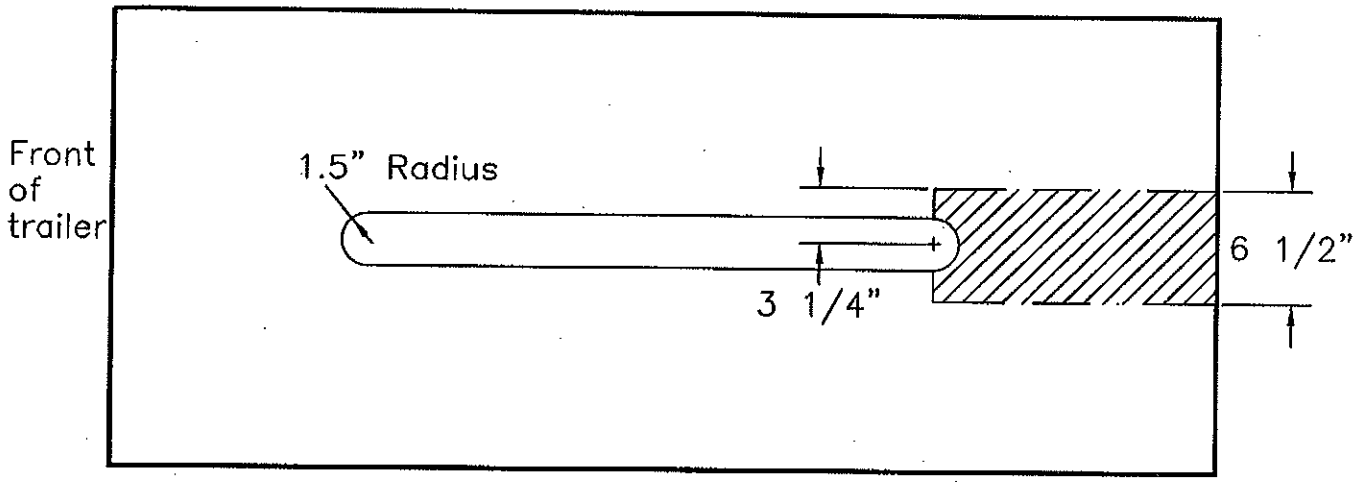
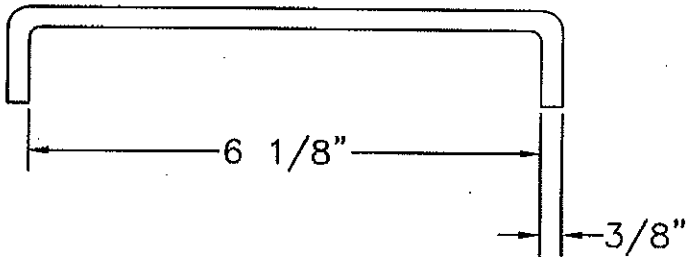
Customer: _____
Cust. Ph.: _____
Page: ____ of ____
Date: _____

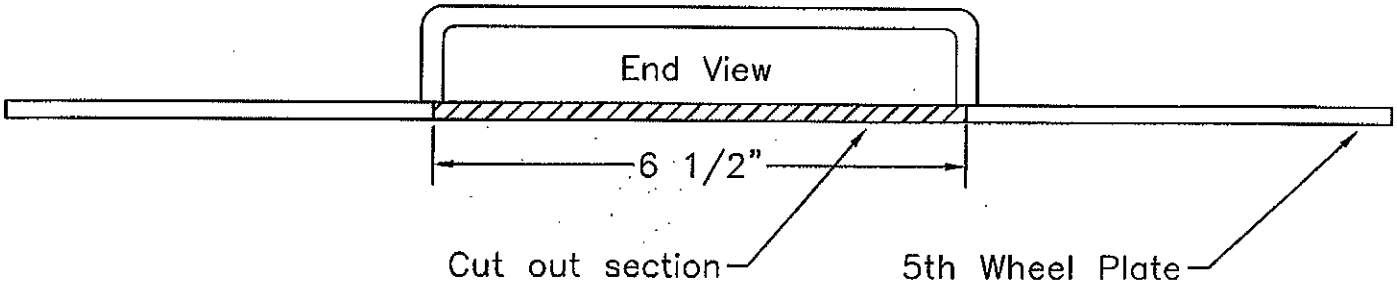
SLIDE BAR REPLACEMENT INSTRUCTIONS



The channel which covers the slide bar is shaped as below:



Cutting along the dashed line as shown above will position the cutout directly below the centerline of the channel. This will allow a replacement piece of 3/8" steel to be welded in easily. See diagram below.



After cutting out the piece, slide the slide bar back, down and ahead to remove. Replace with a new slide bar. Cut out a replacement piece for the 5th wheel plate. Weld into place and grind flush.